

10660473\_CLSTITLES  
Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10660473 on January 13, 2006

14	435/6	(11 OR, 3 XR)	
	Class	435 :	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/4		MEASURING OR TESTING PROCESS INVOLVING ENZYMES OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;
	435/6		PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP .Involving nucleic acid
9	435/7.1	(2 OR, 7 XR)	
	Class	435 :	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/4		MEASURING OR TESTING PROCESS INVOLVING ENZYMES OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;
	435/7.1		PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP .Involving antigen-antibody binding, specific binding protein assay or specific ligand-receptor binding assay
9	436/518	(0 OR, 9 XR)	
	Class	436 :	CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING
	436/518		INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING IMMUNOCHEMICALS
7	435/287.1	(1 OR, 6 XR)	
	Class	435 :	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/283.1		APPARATUS
	435/287.1		.Including measuring or testing
7	435/287.2	(0 OR, 7 XR)	
	Class	435 :	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/283.1		APPARATUS
	435/287.1		.Including measuring or testing
	435/287.2		..Measuring or testing for antibody or nucleic acid, or measuring or testing using antibody or nucleic acid
7	435/817	(0 OR, 7 XR)	
	Class	435 :	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
	435/817		ENZYME OR MICROBE ELECTRODE
7	436/806	(0 OR, 7 XR)	
	Class	436 :	CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING
	436/806		ELECTRICAL PROPERTY OR MAGNETIC PROPERTY
7	530/350	(1 OR, 6 XR)	
	Class	530 :	CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF
	530/350		PROTEINS, I.E., MORE THAN 100 AMINO ACID RESIDUES
6	435/177	(0 OR, 6 XR)	

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Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/174 CARRIER-BOUND OR IMMOBILIZED ENZYME OR  
MICROBIAL CELL; CARRIER-BOUND OR IMMOBILIZED CELL;  
PREPARATION THEREOF

435/177 .Enzyme or microbial cell is immobilized on or  
in an organic carrier

6 435/320.1 (0 OR, 6 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/320.1 VECTOR, PER SE (E.G., PLASMID, HYBRID PLASMID,  
COSMID, VIRAL VECTOR, BACTERIOPHAGE VECTOR, ETC.)  
BACTERIOPHAGE VECTOR, ETC.)

5 204/403.1 (0 OR, 5 XR)

Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY

204/193 APPARATUS

204/194 .Electrolytic

204/400 ..Analysis and testing

204/403.01 ...Biological material (e.g., microbe, enzyme,  
antigen, etc.) analyzed, tested, or included in

apparatus

204/403.06 ....With semipermeable membrane

204/403.1 .....Enzyme included in apparatus

5 422/82.01 (1 OR, 4 XR)

Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
DEODORIZING, PRESERVING, OR STERILIZING

422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE  
LABORATORY DEVICE

422/68.1 .Means for analyzing liquid or solid sample

422/82.01 ..Measuring electrical property

5 435/4 (3 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;  
PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP

5 436/524 (1 OR, 4 XR)

Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING

436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING  
IMMUNOCHEMICALS

436/524 .Carrier is inorganic

5 436/527 (1 OR, 4 XR)

Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING

436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING  
IMMUNOCHEMICALS

436/524 .Carrier is inorganic

436/527 ..Glass or silica

5 436/528 (0 OR, 5 XR)

Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING

436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING  
IMMUNOCHEMICALS

436/528 .Carrier is organic

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- 4 204/415 (0 OR, 4 XR)  
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
 204/193 APPARATUS  
 204/194 .Electrolytic  
 204/400 ..Analysis and testing  
 204/415 ...Selectively permeable membrane
- 4 422/68.1 (1 OR, 3 XR)  
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
 DEODORIZING, PRESERVING, OR STERILIZING  
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE  
 LABORATORY DEVICE  
 422/68.1 .Means for analyzing liquid or solid sample
- 4 427/2.13 (0 OR, 4 XR)  
 Class 427 : COATING PROCESSES  
 427/2.1 MEDICAL OR DENTAL PURPOSE PRODUCT; PARTS;  
 SUBCOMBINATIONS; INTERMEDIATES (E.G., BALLOON CATHETER,  
 SPLINT)  
 427/2.11 .Analysis, diagnosis, measuring, or testing  
 product (e.g., specimen preparation, microscope slide  
 smearing)  
 427/2.13 ..Layer formed contains chemical reagent or  
 chemically reacts with substrate (e.g., cell stain or  
 fix, pH paper, immobilized antigen)
- 4 435/174 (0 OR, 4 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/174 CARRIER-BOUND OR IMMOBILIZED ENZYME OR  
 MICROBIAL CELL; CARRIER-BOUND OR IMMOBILIZED CELL;  
 PREPARATION THEREOF
- 4 435/25 (0 OR, 4 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
 OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;  
 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP  
 435/25 .Involving oxidoreductase
- 4 435/287.9 (0 OR, 4 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/283.1 APPARATUS  
 435/287.1 .Including measuring or testing  
 435/287.9 ..Including a coated reagent or sample layer
- 4 435/325 (0 OR, 4 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/325 ANIMAL CELL, PER SE (E.G., CELL LINES, ETC.);  
 COMPOSITION THEREOF; PROCESS OF PROPAGATING, MAINTAINING  
 OR PRESERVING AN ANIMAL CELL OR COMPOSITION THEREOF; PROCESS  
 OF ISOLATING OR SEPARATING AN ANIMAL CELL OR COMPOSITION  
 THEREOF; PROCESS OF PREPARING A COMPOSITION CONTAINING AN  
 ANIMAL CELL; CULTURE MEDIA THEREFORE
- 4 435/69.1 (2 OR, 2 XR)

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Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME  
USING PROCESS TO SYNTHESIZE A DESIRED CHEMICAL COMPOUND

OR

COMPOSITION  
435/69.1 .Recombinant DNA technique included in method  
of making a protein or polypeptide

4 436/149 (1 OR, 3 XR)

Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING

436/149 MEASUREMENT OF ELECTRICAL OR MAGNETIC PROPERTY  
OR THERMAL CONDUCTIVITY

4 536/23.1 (0 OR, 4 XR)

Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES

536/1.11 .Carbohydrates or derivatives

536/18.7 ..Nitrogen containing

536/22.1 ...N-glycosides, polymers thereof, metal  
derivatives (e.g., nucleic acids, oligonucleotides,

etc.)

536/23.1 ....DNA or RNA fragments or modified forms  
thereof (e.g., genes, etc.)

4 536/23.5 (0 OR, 4 XR)

Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
532-570 SERIES

536/1.11 .Carbohydrates or derivatives

536/18.7 ..Nitrogen containing

536/22.1 ...N-glycosides, polymers thereof, metal  
derivatives (e.g., nucleic acids, oligonucleotides,

etc.)

536/23.1 ....DNA or RNA fragments or modified forms  
thereof (e.g., genes, etc.)

536/23.5 .....Encodes an animal polypeptide

3 204/403.11 (0 OR, 3 XR)

Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
APPARATUS

204/193 .Electrolytic

204/194 ..Analysis and testing

204/400 ...Biological material (e.g., microbe, enzyme,  
antigen, etc.) analyzed, tested, or included in

apparatus

204/403.06 ....With semipermeable membrane

204/403.1 .....Enzyme included in apparatus

204/403.11 .....Glucose oxidase

3 204/411 (0 OR, 3 XR)

Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
APPARATUS

204/193 .Electrolytic

204/194 ..Analysis and testing

204/409 ...With means providing specified-flow  
condition or flow-path

204/411 ....Three or more electrodes

3 204/412 (0 OR, 3 XR)

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- Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
 204/193 APPARATUS  
 204/194 .Electrolytic  
 204/400 ..Analysis and testing  
 204/412 ...Three or more electrodes
- 3 257/253 (1 OR, 2 XR)  
 Class 257 : ACTIVE SOLID-STATE DEVICES  
 257/213 FIELD EFFECT DEVICE  
 257/252 .Responsive to non-optical, non-electrical  
 signal  
 257/253 ..Chemical (e.g., ISFET, CHEMFET)
- 3 310/311 (0 OR, 3 XR)  
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
 310/300 NON-DYNAMOELECTRIC  
 310/311 .Piezoelectric elements and devices
- 3 310/312 (0 OR, 3 XR)  
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
 310/300 NON-DYNAMOELECTRIC  
 310/311 .Piezoelectric elements and devices  
 310/312 ..Adding or subtracting mass
- 3 422/57 (0 OR, 3 XR)  
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
 DEODORIZING, PRESERVING, OR STERILIZING  
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE  
 LABORATORY DEVICE  
 422/55 .Structured visual or optical indicator, per se  
 422/57 ..Having coated reagent
- 3 422/70 (0 OR, 3 XR)  
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
 DEODORIZING, PRESERVING, OR STERILIZING  
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE  
 LABORATORY DEVICE  
 422/68.1 .Means for analyzing liquid or solid sample  
 422/69 ..Sorption testing  
 422/70 ...Liquid chromatography
- 3 422/930 (0 OR, 3 XR)  
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
 DEODORIZING, PRESERVING, OR STERILIZING  
 422/919 BURETTES; PIPETTES [B01L 3/02]  
 422/930 .Drop counters or drop formers [B01L 3/02D]
- 3 435/189 (0 OR, 3 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/183 ENZYME (E.G., LIGASES (6. ), ETC.), PROENZYME;  
 COMPOSITIONS THEREOF; PROCESS FOR PREPARING, ACTIVATING,  
 INHIBITING, SEPARATING, OR PURIFYING ENZYMES  
 435/189 .Oxidoreductase (1. ) (e.g., luciferase)
- 3 435/252.3 (0 OR, 3 XR)  
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY  
 435/243 MICRO-ORGANISM, PER SE (E.G., PROTOZOA, ETC.);  
 COMPOSITIONS THEREOF; PROCES OF PROPAGATING,  
 MAINTAINING OR  
 PRESERVING MICRO-ORGANISMS OR COMPOSITIONS THEREOF;

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PROCESS

- OF PREPARING OR ISOLATING A COMPOSITION CONTAINING A  
MICRO-ORGANISM; CULTURE MEDIA THEREFOR
- 435/252.1 .Bacteria or actinomycetales; media therefor  
435/252.3 ..Transformants (e.g., recombinant DNA or  
vector or foreign or exogenous gene containing, fused  
bacteria, etc.)
- 3 435/288.7 (0 OR, 3 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS  
435/287.1 .Including measuring or testing  
435/288.7 ..Including optical measuring or testing means
- 3 435/5 (2 OR, 1 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;
- 435/5 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP  
.Involving virus or bacteriophage
- 3 435/7.2 (0 OR, 3 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP
- THEREFORE;
- 435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP  
.Involving antigen-antibody binding, specific  
binding protein assay or specific ligand-receptor  
binding
- 435/7.2 assay  
..Involving a micro-organism or cell membrane  
bound antigen or cell membrane bound receptor or cell  
membrane bound antibody or microbial lysate
- 3 436/151 (0 OR, 3 XR)  
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING
- 436/149 MEASUREMENT OF ELECTRICAL OR MAGNETIC PROPERTY  
OR THERMAL CONDUCTIVITY
- 436/151 .By means of a solid body in contact with a  
fluid
- 3 436/514 (1 OR, 2 XR)  
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING
- 436/514 INVOLVING DIFFUSION OR MIGRATION OF ANTIGEN OR  
ANTIBODY
- 3 436/541 (0 OR, 3 XR)  
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING
- 436/536 INVOLVING IMMUNE COMPLEX FORMED IN LIQUID PHASE
- 436/538 .Separation of immune complex from unbound  
antigen or antibody
- 436/541 ..Absorbent column, particles or resin strip

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- 3 530/300 (1 OR, 2 XR)  
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;  
 PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS  
 THEREOF  
 530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES
- 3 536/24.3 (0 OR, 3 XR)  
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
 532-570 SERIES  
 536/1.11 .Carbohydrates or derivatives  
 536/18.7 ..Nitrogen containing  
 536/22.1 ...N-glycosides, polymers thereof, metal  
 derivatives (e.g., nucleic acids, oligonucleotides,  
 etc.)  
 536/23.1 ....DNA or RNA fragments or modified forms  
 thereof (e.g., genes, etc.)  
 536/24.3 .....Probes for detection of specific  
 nucleotide sequences or primers for the synthesis of DNA  
 or  
 RNA
- 2 204/403.06 (0 OR, 2 XR)  
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
 204/193 APPARATUS  
 204/194 .Electrolytic  
 204/400 ..Analysis and testing  
 204/403.01 ...Biological material (e.g., microbe, enzyme,  
 antigen, etc.) analyzed, tested, or included in  
 apparatus  
 204/403.06 ....With semipermeable membrane
- 2 204/414 (0 OR, 2 XR)  
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
 204/193 APPARATUS  
 204/194 .Electrolytic  
 204/400 ..Analysis and testing  
 204/414 ...Gel electrolyte
- 2 204/416 (0 OR, 2 XR)  
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
 204/193 APPARATUS  
 204/194 .Electrolytic  
 204/400 ..Analysis and testing  
 204/416 ...Ion-sensitive electrode
- 2 204/417 (0 OR, 2 XR)  
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
 204/193 APPARATUS  
 204/194 .Electrolytic  
 204/400 ..Analysis and testing  
 204/416 ...Ion-sensitive electrode  
 204/417 ....Liquid ion-exchanger
- 2 204/418 (0 OR, 2 XR)  
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
 204/193 APPARATUS  
 204/194 .Electrolytic  
 204/400 ..Analysis and testing  
 204/416 ...Ion-sensitive electrode  
 204/418 ....Organic membrane

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- 2 204/419 (0 OR, 2 XR)  
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY  
 204/193 APPARATUS  
 204/194 .Electrolytic  
 204/400 ..Analysis and testing  
 204/416 ...Ion-sensitive electrode  
 204/419 ....Inorganic membrane
- 2 205/778 (0 OR, 2 XR)  
 Class 205 : ELECTROLYSIS: PROCESSES, COMPOSITIONS USED  
 THEREIN, AND METHODS OF PREPARING THE COMPOSITIONS  
 205/775 ELECTROLYTIC ANALYSIS OR TESTING (PROCESS AND  
 ELECTROLYTE COMPOSITION)  
 205/777.5 .Involving enzyme or micro-organism  
 205/778 ..And using semipermeable membrane
- 2 210/500.29 (0 OR, 2 XR)  
 Class 210 : LIQUID PURIFICATION OR SEPARATION  
 210/348 FILTER  
 210/500.1 .Material  
 210/500.21 ..Semipermeable membrane  
 210/500.27 ...Organic  
 210/500.28 ....Cyclic  
 210/500.29 .....Cellulosic
- 2 210/500.3 (0 OR, 2 XR)  
 Class 210 : LIQUID PURIFICATION OR SEPARATION  
 210/348 FILTER  
 210/500.1 .Material  
 210/500.21 ..Semipermeable membrane  
 210/500.27 ...Organic  
 210/500.28 ....Cyclic  
 210/500.29 .....Cellulosic  
 210/500.3 .....Cellulose acetate
- 2 210/500.31 (0 OR, 2 XR)  
 Class 210 : LIQUID PURIFICATION OR SEPARATION  
 210/348 FILTER  
 210/500.1 .Material  
 210/500.21 ..Semipermeable membrane  
 210/500.27 ...Organic  
 210/500.28 ....Cyclic  
 210/500.29 .....Cellulosic  
 210/500.3 .....Cellulose acetate  
 210/500.31 .....Cellulose diacetate
- 2 210/500.32 (0 OR, 2 XR)  
 Class 210 : LIQUID PURIFICATION OR SEPARATION  
 210/348 FILTER  
 210/500.1 .Material  
 210/500.21 ..Semipermeable membrane  
 210/500.27 ...Organic  
 210/500.28 ....Cyclic  
 210/500.29 .....Cellulosic  
 210/500.3 .....Cellulose acetate  
 210/500.32 .....Cellulose triacetate
- 2 210/649 (0 OR, 2 XR)  
 Class 210 : LIQUID PURIFICATION OR SEPARATION  
 210/600 PROCESSES  
 210/634 .Liquid/liquid solvent or colloidal extraction  
 or diffusing or passing through septum selective as to  
 material of a component of liquid; such diffusing or



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exchange  
 210/649      ..Diffusing or passing through septum selective  
                  as to material of a component of liquid

2 210/650      (0 OR, 2 XR)  
   Class 210 : LIQUID PURIFICATION OR SEPARATION  
   210/600      PROCESSES  
   210/634      .Liquid/liquid solvent or colloidal extraction  
                  or diffusing or passing through septum selective as to  
                  material of a component of liquid; such diffusing or  
                  passing being effected by other than only an ion

exchange  
                  or sorption process  
   210/649      ..Diffusing or passing through septum selective  
                  as to material of a component of liquid  
   210/650      ...Filtering through membrane (e.g.,  
                  ultrafiltration)

2 210/651      (0 OR, 2 XR)  
   Class 210 : LIQUID PURIFICATION OR SEPARATION  
   210/600      PROCESSES  
   210/634      .Liquid/liquid solvent or colloidal extraction  
                  or diffusing or passing through septum selective as to  
                  material of a component of liquid; such diffusing or  
                  passing being effected by other than only an ion

exchange  
                  or sorption process  
   210/649      ..Diffusing or passing through septum selective  
                  as to material of a component of liquid  
   210/650      ...Filtering through membrane (e.g.,  
                  ultrafiltration)  
   210/651      ....Removing specified material

2 210/652      (0 OR, 2 XR)  
   Class 210 : LIQUID PURIFICATION OR SEPARATION  
   210/600      PROCESSES  
   210/634      .Liquid/liquid solvent or colloidal extraction  
                  or diffusing or passing through septum selective as to  
                  material of a component of liquid; such diffusing or  
                  passing being effected by other than only an ion

exchange  
                  or sorption process  
   210/649      ..Diffusing or passing through septum selective  
                  as to material of a component of liquid  
   210/650      ...Filtering through membrane (e.g.,  
                  ultrafiltration)  
   210/652      ....Hyperfiltration (e.g., reverse osmosis,  
                  etc.)

2 210/653      (0 OR, 2 XR)  
   Class 210 : LIQUID PURIFICATION OR SEPARATION  
   210/600      PROCESSES  
   210/634      .Liquid/liquid solvent or colloidal extraction  
                  or diffusing or passing through septum selective as  
   to  
                  material of a component of liquid; such diffusing or  
                  passing being effected by other than only an ion

exchange  
                  or sorption process  
   210/649      ..Diffusing or passing through septum selective  
                  as to material of a component of liquid

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210/650 ...Filtering through membrane (e.g.,  
ultrafiltration)

210/652 ....Hyperfiltration (e.g., reverse osmosis,  
etc.)

210/653 .....Utilizing specified membrane material

2 210/654 (0 OR, 2 XR)  
Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/600 PROCESSES  
210/634 .Liquid/liquid solvent or colloidal extraction  
or diffusing or passing through septum selective as  
to material of a component of liquid; such diffusing or  
exchange passing being effected by other than only an ion  
or sorption process

210/649 ..Diffusing or passing through septum selective  
as to material of a component of liquid

210/650 ...Filtering through membrane (e.g.,  
ultrafiltration)

210/652 ....Hyperfiltration (e.g., reverse osmosis,  
etc.)

210/653 .....Utilizing specified membrane material

210/654 .....Synthetic resin

2 210/655 (0 OR, 2 XR)  
Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/600 PROCESSES  
210/634 .Liquid/liquid solvent or colloidal extraction  
or diffusing or passing through septum selective as  
to material of a component of liquid; such diffusing or  
exchange passing being effected by other than only an ion  
or sorption process

210/649 ..Diffusing or passing through septum selective  
as to material of a component of liquid

210/650 ...Filtering through membrane (e.g.,  
ultrafiltration)

210/652 ....Hyperfiltration (e.g., reverse osmosis,  
etc.)

210/653 .....Utilizing specified membrane material

210/655 .....Cellulosic

2 210/656 (0 OR, 2 XR)  
Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/600 PROCESSES  
210/656 .Chromatography

2 310/313R (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/300 NON-DYNAMOELECTRIC  
310/311 .Piezoelectric elements and devices  
310/313R ..Surface acoustic wave devices

2 310/340 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/300 NON-DYNAMOELECTRIC  
310/311 .Piezoelectric elements and devices  
310/340 ..Encapsulated or coated

2 378/86 (0 OR, 2 XR)  
Class 378 : X-RAY OR GAMMA RAY SYSTEMS OR DEVICES

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378/1	SPECIFIC APPLICATION
378/70	.Diffraction, reflection, or scattering analysis
378/86	..Scatter analysis
2 378/88	(0 OR, 2 XR)
Class 378	: X-RAY OR GAMMA RAY SYSTEMS OR DEVICES
378/1	SPECIFIC APPLICATION
378/70	.Diffraction, reflection, or scattering analysis
378/86	..Scatter analysis
378/88	...Composition analysis
2 422/59	(0 OR, 2 XR)
Class 422	: CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY DEVICE
422/50	ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY DEVICE
422/55	.Structured visual or optical indicator, per se
422/58	..In holder or container having special form
422/59	...Column
2 422/69	(0 OR, 2 XR)
Class 422	: CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY DEVICE
422/50	ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY DEVICE
422/68.1	.Means for analyzing liquid or solid sample
422/69	..Sorption testing
2 422/82.08	(0 OR, 2 XR)
Class 422	: CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY DEVICE
422/50	ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY DEVICE
422/68.1	.Means for analyzing liquid or solid sample
422/82.05	..Measuring optical property by using ultraviolet, infrared, or visible light
422/82.08	...Fluorescence
2 427/414	(0 OR, 2 XR)
Class 427	: COATING PROCESSES
427/402	APPLYING SUPERPOSED DIVERSE COATING OR COATING A COATED BASE
427/414	.Protein or derivative containing coating (e.g., casein, glue, gelatin, etc.)
2 430/313	(0 OR, 2 XR)
Class 430	: RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF
430/269	IMAGING AFFECTING PHYSICAL PROPERTY OF RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR OR PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT
430/311	.Making electrical device
430/313	..With formation of resist image, and etching of substrate or material deposition
2 435/14	(0 OR, 2 XR)
Class 435	: CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
435/4	MEASURING OR TESTING PROCESS INVOLVING ENZYMES OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;

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- 435/14 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP  
.Involving glucose or galactose
- 2 435/182 (0 OR, 2 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/174 CARRIER-BOUND OR IMMOBILIZED ENZYME OR  
MICROBIAL CELL; CARRIER-BOUND OR IMMOBILIZED CELL;  
PREPARATION THEREOF
- 435/177 .Enzyme or microbial cell is immobilized on or  
in an organic carrier
- 435/180 ..Carrier is synthetic polymer
- 435/182 ...Enzyme or microbial cell is entrapped within  
the carrier (e.g., gel, hollow fibre)
- 2 435/219 (0 OR, 2 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/183 ENZYME (E.G., LIGASES (6. ), ETC.), PROENZYME;  
COMPOSITIONS THEREOF; PROCESS FOR PREPARING,  
ACTIVATING,  
INHIBITING, SEPARATING, OR PURIFYING ENZYMES
- 435/195 .Hydrolase (3. )
- 435/212 ..Acting on peptide bond (e.g., thromboplastin,  
leucine amino-peptidase, etc., (3.4))
- 435/219 ...Proteinase
- 2 435/288.1 (0 OR, 2 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
- 435/287.1 .Including measuring or testing
- 435/288.1 ..Including a bottle, tube, flask, or jar
- 2 435/288.3 (0 OR, 2 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
- 435/287.1 .Including measuring or testing
- 435/288.3 ..Including a dish, plate, slide, or tray
- 2 435/288.4 (0 OR, 2 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
- 435/287.1 .Including measuring or testing
- 435/288.3 ..Including a dish, plate, slide, or tray
- 435/288.4 ...Including multiple compartments (e.g.,  
wells, etc.)
- 2 435/288.6 (0 OR, 2 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
- 435/287.1 .Including measuring or testing
- 435/288.6 ..Including column separation means
- 2 435/471 (0 OR, 2 XR)  
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/455 .Introduction of a polynucleotide molecule into  
or rearrangement of nucleic acid within an animal cell

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435/471 .Introduction of a polynucleotide molecule into  
or rearrangement of nucleic acid within a microorganism  
(e.g., bacteria, protozoa, bacteriophage, etc.)

2 435/7.21 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;

435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP  
.Involving antigen-antibody binding, specific  
binding protein assay or specific ligand-receptor

binding

435/7.2 assay  
..Involving a micro-organism or cell membrane  
bound antigen or cell membrane bound receptor or cell  
membrane bound antibody or microbial lysate

435/7.21 ...Animal cell

2 435/7.22 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;

435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP  
.Involving antigen-antibody binding, specific  
binding protein assay or specific ligand-receptor

binding

435/7.2 assay  
..Involving a micro-organism or cell membrane  
bound antigen or cell membrane bound receptor or cell  
membrane bound antibody or microbial lysate

435/7.21 ...Animal cell

435/7.22 ....Parasite or protozoa

2 435/7.32 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES  
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;

435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP  
.Involving antigen-antibody binding, specific  
binding protein assay or specific ligand-receptor

binding

435/7.2 assay  
..Involving a micro-organism or cell membrane  
bound antigen or cell membrane bound receptor or cell  
membrane bound antibody or microbial lysate

435/7.32 ...Bacteria or actinomycetales

2 435/91.2 (0 OR, 2 XR)

Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME  
USING PROCESS TO SYNTHESIZE A DESIRED CHEMICAL

COMPOUND OR

COMPOSITION  
435/72 .Preparing compound containing saccharide  
radical

435/84 ..Preparing nitrogen-containing saccharide

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- 435/85 ...N-glycoside  
 435/89 ....Nucleotide  
 435/91.1 .....Polynucleotide (e.g., nucleic acid, oligonucleotide, etc.)  
 435/91.2 .....Acellular exponential or geometric amplification (e.g., PCR, etc.)
- 2 436/161 (0 OR, 2 XR)  
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING  
 436/161 INCLUDING CHROMATOGRAPHY
- 2 436/501 (0 OR, 2 XR)  
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING  
 436/501 BIOSPECIFIC LIGAND BINDING ASSAY
- 2 436/519 (0 OR, 2 XR)  
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING  
 436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING IMMUNOCHEMICALS  
 436/519 .Carrier is a biological cell or cell fragment
- 2 436/530 (2 OR, 0 XR)  
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING  
 436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING IMMUNOCHEMICALS  
 436/528 .Carrier is organic  
 436/529 ..Polysaccharide, carrier (e.g., dextran, etc.)  
 436/530 ...Cellulose or derivative
- 2 436/531 (0 OR, 2 XR)  
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING  
 436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING IMMUNOCHEMICALS  
 436/528 .Carrier is organic  
 436/531 ..Carrier is synthetic resin
- 2 436/532 (0 OR, 2 XR)  
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING  
 436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING IMMUNOCHEMICALS  
 436/528 .Carrier is organic  
 436/531 ..Carrier is synthetic resin  
 436/532 ...Antigen or antibody attached to a carrier via bridging agent
- 2 436/824 (0 OR, 2 XR)  
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING  
 436/824 IMMUNOLOGICAL SEPARATION TECHNIQUES
- 2 438/1 (0 OR, 2 XR)  
 Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS  
 438/1 HAVING BIOMATERIAL COMPONENT OR INTEGRATED WITH LIVING ORGANISM

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- 2 438/49 (0 OR, 2 XR)  
 Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS  
 438/48 MAKING DEVICE OR CIRCUIT RESPONSIVE TO  
 NONELECTRICAL SIGNAL  
 438/49 .Chemically responsive
- 2 530/334 (0 OR, 2 XR)  
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS  
 THEREOF  
 530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES  
 530/333 .Synthesis of peptides  
 530/334 ..Polymer supported synthesis, e.g., solid  
 phase synthesis, Merrifield synthesis, etc.
- 2 530/412 (0 OR, 2 XR)  
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS  
 THEREOF  
 530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID  
 RESIDUES  
 530/412 .Separation or purification
- 2 530/413 (0 OR, 2 XR)  
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS  
 THEREOF  
 530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID  
 RESIDUES  
 530/412 .Separation or purification  
 530/413 ..Immunological separation or affinity  
 chromatography
- 2 530/415 (0 OR, 2 XR)  
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS  
 THEREOF  
 530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID  
 RESIDUES  
 530/412 .Separation or purification  
 530/415 ..Selective absorbtion, e.g., Ca phosphate  
 sorbents, etc.
- 2 530/417 (0 OR, 2 XR)  
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS  
 THEREOF  
 530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID  
 RESIDUES  
 530/412 .Separation or purification  
 530/415 ..Selective absorbtion, e.g., Ca phosphate  
 sorbents, etc.  
 530/417 ...Chromatography or by septum selective as to  
 material, e.g., gel filtration, molecular sieve dialysis,  
 etc.
- 2 536/23.2 (0 OR, 2 XR)  
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
 532-570 SERIES  
 536/1.11 .Carbohydrates or derivatives  
 536/18.7 ..Nitrogen containing

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536/22.1      ...N-glycosides, polymers thereof, metal  
 etc.)                      derivatives (e.g., nucleic acids, oligonucleotides,

536/23.1      ....DNA or RNA fragments or modified forms  
                          thereof (e.g., genes, etc.)

536/23.2      .....Encodes an enzyme

2 536/25.3      (0 OR, 2 XR)  
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS  
                          532-570 SERIES

536/1.11      .Carbohydrates or derivatives

536/18.7      ..Nitrogen containing

536/22.1      ...N-glycosides, polymers thereof, metal  
 etc.)                      derivatives (e.g., nucleic acids, oligonucleotides,

536/25.3      ....Synthesis of polynucleotides or  
                          oligonucleotides

2 588/401      (0 OR, 2 XR)  
 Class 588 : HAZARDOUS OR TOXIC WASTE DESTRUCTION OR  
                          CONTAINMENT

588/306      ..Electromagnetic radiation, e.g., laser (EPO/  
                          JPO)

588/400      .Harmful chemical substances made harmless, or  
                          less harmful, by effecting chemical change (EPO/JPO)

588/401      ..Chemical warfare substances, e.g.,  
                          cholinesterase inhibitor (EPO/JPO)

2 588/403      (0 OR, 2 XR)  
 Class 588 : HAZARDOUS OR TOXIC WASTE DESTRUCTION OR  
                          CONTAINMENT

588/306      ..Electromagnetic radiation, e.g., laser (EPO/  
                          JPO)

588/400      .Harmful chemical substances made harmless, or  
                          less harmful, by effecting chemical change (EPO/JPO)

588/403      ..Explosives, propellants or pyrotechnics,  
                          e.g., rocket fuel, napalm (EPO/JPO)



PLUS Search Results for S/N 10660473, Searched January 13, 2006

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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